

## ABSTRACT

The present invention provides a piezoelectric transformer driving apparatus which drives a load balanced to the ground, which makes an insulating component, such as a current transformer or a photocoupler, unnecessary, and which can detect a load current. For this reason, the present invention has two secondary windings (1B, 1C) which generate AC drive voltages respectively, a piezoelectric transformer (2) which generates a high voltage AC from the drive voltage generated by the secondary winding (1B) and applies this AC to one terminal of a cold-cathode tube (201), a piezoelectric transformer (3) which generates a high voltage AC of polarity reverse to the piezoelectric transformer (2) from the drive voltage generated by the secondary winding (1C), and applies this AC to the other terminal of the cold-cathode tube (201), and a detection part (4) which is connected between the secondary windings (1B) and (1C), in which a load current flowing into the cold-cathode tube (201) flows, and which detects this load current.